

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A sandwich panel core, wherein
the core is a 3-D structure formed from a sheet of polymeric paper,
a binder layer is applied onto both sides of the sheet ~~a top and a bottom of the core~~,
the ~~paper~~ sheet includes perforation holes, and
the binder layers bond to each other at a location of the perforation holes.

Claim 2 (Previously Presented): The sandwich panel core according to Claim 1,
wherein the binder layers are made of phenol-formaldehyde resin.

Claim 3 (Previously Presented): The sandwich panel core according to Claim 1,
wherein the top binder layer has an inner surface bonded to the paper, and an outer unbonded
surface.

Claim 4 (Previously Presented): The sandwich panel core according to Claim 1,
wherein the bottom binder layer has an inner surface bonded to the paper, and an outer
unbonded surface.

Claim 5 (Previously Presented): The sandwich panel core according to Claim 1,
formed by a process comprising:

applying binder layers to the top and bottom of the paper in a liquid state;
bonding the binder layers to each other at locations of the perforation holes; and
thermally hardening the binder layers.